Preparing Kadaster for the future
and contribute to sustainable economic development

The Netherlands

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Overview

- Kadaster and sustainable development
- Staying fit
- User demand orientation
- New products and services
- International context
- Into the future
Kadaster & sustainable development

Fit for Purpose?
- Cost, quality and time

Yes, but:
- Staying fit
- The purpose is dynamic
- Sustainable development
- Economics change

Number of houses sold in the Netherlands in relation to the average price at a monthly basis (January 2010 – January 2014)
Staying fit

Developments

- Technology changes
  - Automation and cost reduction
  - Remote Sensing and sensors
  - Cloud computing

- Society changes
  - New sustainable business models
  - Crowd sourcing (sharing)

- The context changes
  - International context

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Staying fit

User demand orientation

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2012

- Registration
- Mapping

2014

- Data collection
- Information services

Post 2015

- ?

kadaster
New products and services

- Data collection
- Information services
- International cooperation

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Data collection – UAV experiment

Ortho photos, 3 cm

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Data collection: Automatic generalisation

Data collection - SPLITS

- Preliminary boundaries
- Notaries
- Online GIS creating provisionally boundaries
- Direct new parcel creation
- Checked and measured by Kadaster
Data collection - Small innovations

“100% of innovation is caused by frustration: not by good market analyses”

(ref.: Tom Peters)

Jos Lips adapter

Information services - PDOK

Maps for services
Information services - Cables and pipes

Information services – Land reallocation
International context

- Corporate social responsibility
  - At a cost recovery basis

- Capacity building
  - Peer to peer networks

- Influencing
  - Standardisation and infrastructures

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International projects 2013

Consultancy in countries:
- Rwanda
- Lesotho
- Namibia
- Antilles / Caribbean Netherlands
- Suriname
- Romania
- Macedonia
- Croatia
- Turkey
- Kosovo
- Vietnam
- Azerbaijan
- Guatemala
- Honduras
- Egypt
- Greece
- Kirgizia
- Montenegro
- Uganda
- Bahrain
- Cape Verdean Islands
- Honduras
- UAE
- South-Africa
- Romania
- Ethiopia
- ....

Study tours from (e.g.):
- Egypt
- China
- Bhutan
- Cape Verdean Islands
- Honduras
- UAE
- South-Africa
- Romania
- Ethiopia
- ....

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Into the future

- Staying fit for evolving purposes
  - Technology push
  - Community driven

- New business models
  - Open data policy
  - The crowd and the cloud
  - Sharing (government, business, science)

- Embracing the international context

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Thank you